

Absorptive Silencer

NO 901-97

ENGINEERING DATA



Commercial Acoustics

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A DIVISION OF METAL FORM MANUFACTURING

DIMENSIONS IN INCHES, WEIGHT IN POUNDS

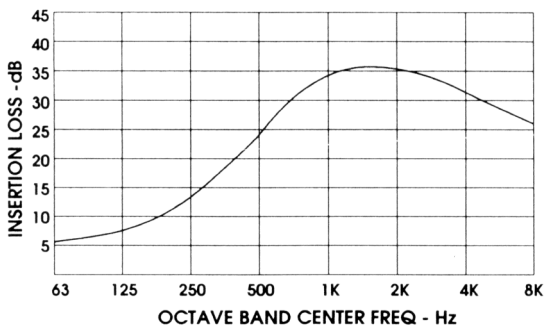
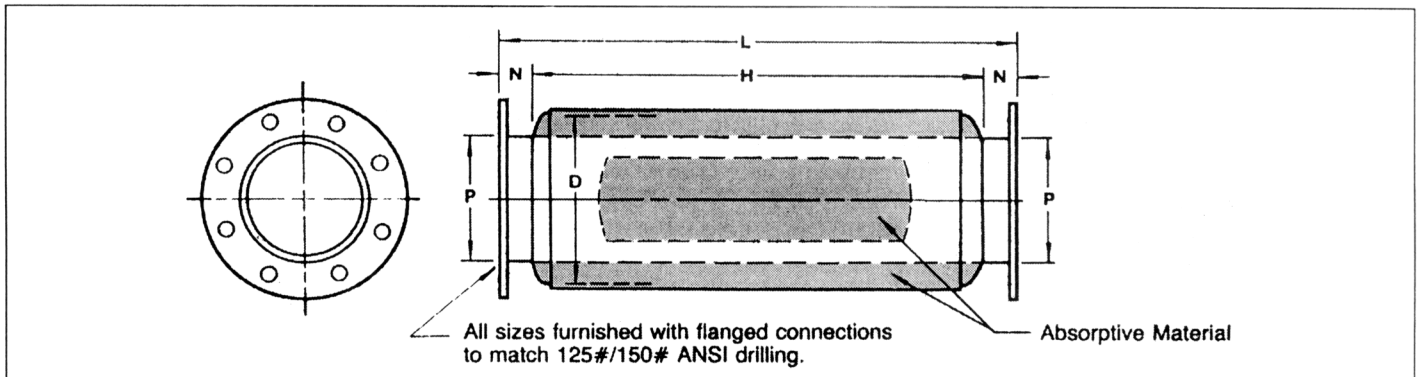
MODEL NO.	P	D	L	N	H	Wt.
CA4-8	8	14	33	3 1/2	26	90
CA4-10	10	16	35	3 1/2	28	120
CA4-12	12	18	47	3 1/2	40	180
CA4-14	14	20	51	3 1/2	44	240
CA4-16	16	22	59	3 1/2	52	320
CA4-18	18	24	63	3 1/2	56	370
CA4-20	20	26	73 1/2	4 1/2	64 1/2	490
CA4-22	22	28	73 1/2	4 1/2	64 1/2	530
CA4-24	24	30	85 1/2	4 1/2	76 1/2	720
CA4-30	30	36	108	4 1/2	99	1,340
CA4-36	36	42	122	4 1/2	113	2,020
CA4-42	42	48	137	6	125	3,200
CA4-48	48	54	161 1/2	6	149 1/2	4,100
CA4-54	54	60	178	6	166	5,400
CA4-60	60	66	192 1/2	6	180 1/2	7,300

CA4 SERIES ANNULAR FLOW SILENCER

The CA4 series is the second-highest grade Absorptive silencer, ranking just below the CA5 series. The design of this unit features a bullet centered in the flow tube to provide annular flow path and partial blocked-line-of-sight. Pressure drop is only slightly greater than the CA5. Mild steel construction, primer coated exterior.

COMMON APPLICATIONS:

- Inlet of turbocharged Reciprocating Engine
- Inlet and discharge of high speed, low pressure Centrifugal Compressors and Blowers (discharge P<15 psig)
- Inlet and discharge of Industrial Fans
- Inlet of high pressure Centrifugal Compressors
- Gas Turbine Inlet
- Dry Vacuum Pump discharge
- Some low-pressure vents (<15 psig)
- Any high frequency noise source



NOTE: CA4 Series Standard Paint and Acoustical Packing are suitable for 325°F.